



LAND SURVEYING
CIVIL ENGINEERING
LAND USE PLANNING
LANDSCAPE ARCHITECTURE

January 9, 2012

Marlene H. Dortch, Secretary
Federal Communications Commission
445 12th St. SW
Washington, DC 20554

Re: LightSquared Subsidiary, LLC
Ex Parte Communication. IB Docket No. 11-109
IBSF File No. SAT-MOD-20101118-00239

Dear Secretary,

My name is Jim McDaniel, and I reside at 11604 Trombley Road, Snohomish, Washington. I am part owner of Harmsen and Associates, a small Civil Engineering and Land Surveying firm with 30 employees in three offices in western Washington State. I am writing to you to express my concern about the possibility of GPS receiver interference from the transmitter network being proposed by LightSquared. I am concerned that the FCC will allow LightSquared to construct their network without having them unequivocally demonstrate that their network will not interfere with high precision GPS receivers. My company has invested tens of thousands of dollars in high precision GPS equipment which we use daily. As an example, we are presently using high precision GPS receivers on a construction project at the Bangor Naval Base. Our company is just one of thousands across the county that employ high precision GPS receivers. Construction companies are also using these receivers on their earth moving equipment in conjunction with on-board computers loaded with terrain models. My concern is that the proposed LightSquared network will interfere with the present uses of high precision GPS receivers and that the industry (surveying and construction) will be forced into expensive upgrades which may or may not solve the interference issue. I'm struggling to keep my business afloat and the added expense to upgrade my high precision GPS receivers could be another nail in the coffin. If this administration is in the business of creating and maintaining jobs, allowing LightSquared to proceed with their network is counter productive. I'm asking that you hold LightSquared's feet to the fire and force them to show that the proposed network will not interfere with high precision GPS receivers. The burden of proof rests upon LightSquared. I'm asking that you do not accept proof based upon theoretical possibilities. They need to produce objective, real-life studies that demonstrate that there is no risk of their proposed network interfering with established high precision GPS receivers.

Sincerely,

A handwritten signature in blue ink that reads "Jim McDaniel".

Jim McDaniel, Professional Land Surveyor
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